IN THE NAME OF GOD

CURICULUM VITA

Personal details

First name: **Nasrin**

Surname: **Ghasemi**

Date of birth: **12.06.68**

Gender: **Female**

Marital status: **Married**

h-index: 18 (Google scholar)

Work Address: **Yazd Shahid Sadoughi Medical Sciences University, Reproductive Sciences Institute, Abortion Research Centre, Bouali Street, Safaeyeh, Yazd, Iran**

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Email 2: **n479g@yahoo.co.uk , nghasemi479@gmail.com**

Academic qualification

1998- 2003: **PhD in Molecular Biology**
Faculty of Medicine, University of Manchester, Manchester, UK

1997-1998: **MSc Course in Medical Genetics**
Faculty of Medicine, University of Manchester, Manchester, UK

1987- 1994: **Medical Doctorate**
Yazd Shahid Sadoughi Medical Sciences University, Iran

Employment and experience

Jun 2022 to date **Member of Research Committee of Andrology Research Center**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Jun 2017 to date **Full Professor**
Yazd Shahid Sadoughi Medical Sciences University, Medical Genetics Department

Jun 2014 to date **Dean of Abortion Research Centre,** Yazd Reproductive Sciences Institute

Sep 2009 to date **Technical Director of Molecular Genetics laboratory**

Jul 2007 to date **Technical Director of Immunohistochemistry Laboratory**

Sep 2004 to date **Genetic counsellor**
Recurrent abortion clinic, Reproductive Sciences Institute, Yazd, Iran

Mar 2019 to 2023 **Head of Medical Genetics Department,** Yazd Shahid Sadoughi Medical Sciences University

Nov 2016 to 2019 **Educational Deputy of the International Campus,**
Yazd Shahid Sadoughi Medical Sciences University, International Campus

Dec 2013 to 2016 **Chief of the Post Graduate Education of International Campus,**
Yazd Shahid Sadoughi Medical Sciences University, International Campus

Oct 2007 to 2011 **Member of the Steam Cell Methodology Committee**

Feb 2004 to 2010 **Member of Medical School Research and Education committee**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Mar 2007 to 2011 **Member of Research Committee of the Heart Disease Research Centre**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Dec 2006 to 2022 **Member of Research Committee of the Research and Clinical Centre for Infertility**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Sep 2004 to 2010 **Head of Medical School Research Office**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Nov 2012- Jun2017 **Aassociated Professor**
Yazd Shahid Sadoughi Medical Sciences University, Medical Genetics Department

Sep 2005 to 2006 **Genetic counsellor in student centre**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Dec 2003 to 2006 **Member of Medical School Education Development Centre**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

Mar 2007 to 2008 **Manager of Research Centres Methodology Committee**
Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

1995-1997 **General Practitioner**
Social Welfare Organisation Clinic, treatment of patients and Clinical manager, Yazd, Iran

Course and training

-June 2023 "**Clinical NGS data interpretation"** workshop, Glasgow, European Seminar of Human Genetics, Glasgow, UK

-May 2016 **"Genetic Counselling"** Seminar, International Campus, Yazd Shahid Sadoughi Medical Sciences University, Yazd, Iran

-Dec 2014 **"Tips and tricks in gene expression"** workshop, Yazd, International Campus in collaboration with Amsterdam University

-Nov 2010 **"Knowledge translation exchange"** workshop, Tehran Medical Sciences University, Iran

-Jul 2009 **"Diagnosis of the neurologic and muscular genetic disorders"** training, Fondazione Istituto Neurologica Carlo Besta, Milan, Italy

-Apr 2008 **"Advanced Sonography course"** Yazd Infertility Research and Clinical Centre in collaboration with Iad-Donald inter university school of Sonography (Crotia), Yazd, Iran

- Mar 2008 **"Ethics of medical education"** workshop, Yazd Shahid Sadoughi Medical Sciences Univesity

-Oct 2007 **"Amniocentesis"** Workshop and Training course, Consultrio Di Genetica, Rome, Italy

-Feb 2007 **"Use of Bioinformatics in genetic counselling"** workshop, Yazd Shahid Sadoughi Medical Sciences University

-Nov2006 **"Genetic Counselling in Practice"** Online Course in Yazd Infertility Research and Treatment Centre in collaboration with European Genetic Foundation in Italy

- Aug2006 **Training in "RNA technology (purification and quality control)"** in University of Sheffield

- May 2006: **Workshop on "proteomics"** in Pasture Institute

-Apr 2006: **Workshop on "Immunohistochemistry staining"** in Yazd Infertility Research and Treatment Centre

2006: **Workshop on "CPC"** in Yazd Infertility Research and Treatment Centre

-Jun 2005: **Workshop on "Exam evaluation"** Yazd Shahid Sadoughi Medical Sciences University

-May 2005: **Workshop on "How to write CVs, Letters and Recommendations**" Yazd Shahid Sadoughi Medical Sciences University

-Dec 2004: **Workshop on "How to write English article"** Yazd Shahid Sadoughi Medical Sciences University

-Jun 2003: **Training for London Dysmorphology Databases** (diagnosis of the genetic disorder software including 3400 genetic disorder with dysmorphic features and direct links to OMIM online) in university of Manchester

-Jan-Feb 2000: **Attendance in Genetic counselling clinic and patient management training**

-Aug 1999: **Training of the application of Electron Microscopy** in university of Manchester

-Jan 1999: **Training of the professional research skills** in university of Manchester

-Jan 1999: **Training of the personal transferable skills** in university of Manchester

-Jan-Jun 1998: **Attend and passed the following taught courses** in university of Manchester

1-Genetic Analysis and the Human Genome
2-Clinical Genetics
3-Genetic counselling
4-Connective Tissue Disorders and Vasculitis

Presentations

-Genetic abnormality and testing in azoospermia, Evaluation and Management of azoospermic patients webinar, lecturer, August 2023, Yazd, Iran

-PPARG1 gene methylation in granulosa cells relation to hyperinsulinemia and hyperandrogenism in women with polycystic ovary syndrome, ESHG, poster presentation June 2023, Glasgow, UK

-Genetic counselling and testing in infertility and recurrent pregnancy loss, 10th International congress and student awards in reproductive medicine with 5th international congress of reproductive genetics, Key lecturer, May 2023 Yazd, Iran

Diagnostic value of Whole Exome Sequencing in case of unknown infertility, 10th International congress and student awards in reproductive medicine with 5th international congress of reproductive genetics, Key lecturer, May 2023 Yazd, Iran

-The effect of genetic variation in unsuccessful infertility treatment, The genetic variation effect of ovarian stimulation in ART, June 2022, Yazd, Iran

-Complication of covid-19 in pregnancy, offered health services to women with threatened abortion in covid-19 Pandemi, Lecture, October 2020, Yazd, Iran

-**Who can be candidate and indication for PGT and PND**, prenatal and preimplantation genetic testing – past, present and future, Lecture, September 2020, Yazd, Iran

-**Introduction to NIPT**, Non-invasive prenatal testing (NIPT) workshop, May 2019, Yazd, Iran

- PGD and PGS in recurrent pregnancy loss, New approach in recurrent pregnancy loss, 2017, Lecture, November 2017

- **Effect of the ovarian reserve in embryonic chromosomal abnormality of the women with recurrent pregnancy loss**, 7th International congress and student awards in reproductive medicine, Key lecturer, April 2017, Yazd, Iran

- **Association of rs1264457 genetics variants of HLA-E with unexplained recurrent pregnancy loss,** 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

-Expression of miRNA-15, miRNA-16 and miRNA-21 in apoptotic pathway in ovarian cancer patients, 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

- Survey of CTLA-4 gene polymorphism in women with recurrent pregnancy loss. 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

- The association between single nucleotide polymorphism in interleukin-27 gene and recurrent pregnancy loss in Iranian women. 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

- Association of the rs2476601 single nucleotide polymorphism with recurrent pregnancy loss. 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

- A novel polymorphism of PTPN22 and recurrent pregnancy loss. 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

- OX40 and OX40L mRNA expression levels in blood cells of women with recurrent miscarriage. 7th International congress and student awards in reproductive medicine, poster presentation, April 2017, Yazd, Iran

-Benefits of prenatal diagnosis and preimplantation genetic diagnosis in recurrent pregnancy loss, 5th International congress and student awards in reproductive medicine, Key lecturer, April 2013, Yazd, Iran

- StuI polymorphism on the androgen receptor gene is associated with recurrent spontaneous abortion, 5th International congress and student awards in reproductive medicine, Oral presentation, April 2013, Yazd, Iran

- Expression of Toll-like receptors in human fallopian tubes, 5th International congress and student awards in reproductive medicine, Poster presentation, April 2013, Yazd, Iran

- Ethics in genetic researches, Ethics in medical education, June 2013, Key lecturer, Yazd, Iran

- Relationship Between p53 Codon 72 Polymorphism and Breast Cancer in yazdi women, 13th ICB & 5th ICBMB, Poster presentation, April 2013, Yazd, Iran

- Putative Novel Biomarkers of Esophageal Cancer, 13th ICB & 5th ICBMB, Poster presentation, April 2013, Yazd, Iran

- HE4 and CA125 are the best biomarkers for early diagnosis ovarian cancers, 13th ICB & 5th ICBMB, Poster presentation, April 2013, Yazd, Iran

- Ethics in fertility preservation, 1th Congress of fertility preservation, Key lecturer, October 2013, Yazd, Iran

- Neuro metabolic diseases, 7th Neurogenetic annual congress, Oral presentation, January 2014, Yazd, Iran

- Genetic factors affect neural tube defects & its prenatal diagnosis, 7th Neurogenetic annual congress, Oral presentation, January 2014, Yazd, Iran

- Prenatal diagnosis of neural defects, 7th Neurogenetic annual congress, Oral presentation, January 2014, Yazd, Iran

- Role of induced pluripotent stem cells in modelling and treatment neurogenetic abnormalities, 7th Neurogenetic annual congress, Poster presentation, January 2014, Yazd, Iran

- Gene therapy in parkinson disease, 7th Neurogenetic annual congress, Poster presentation, January 2014, Yazd, Iran

- Review of related subjects to parkinson disease, 7th Neurogenetic annual congress, Poster presentation, January 2014, Yazd, Iran

- Effect of UCHL1 gene on parkinson disease, 7th Neurogenetic annual congress, Poster presentation, January 2014, Yazd, Iran

- **Effect of TREM gene in alzheimers disease,** 7th Neurogenetic annual congress, Poster presentation, January 2014, Yazd, Iran

-Evaluation of polycystic ovarian syndrome frequency in women with recurrent abortion and IVF failure, 3rd International Congress and 18 National Congress of Iranian Society for Reproductive Medicine, April 2012, Tabriz, Iran

- Novel cancer therapy: Gene therapy and immunotherapy in ovarian cancer, First International Congress on Gynaecological Oncology, Key lecturer, September 2011, Yazd, Iran

- Evaluation, treatment and follow up of 900 couples with recurrent abortion, 4th international congress and student award in reproductive medicine, Key lecturer, April 2011, Yazd, Iran

- Genetics of retinitis pigmentosa, Retinitis Pigmentosa seminar, Invited Speaker, October 2010, Yazd, Iran

-Frequency of serotonin transporter promoter gene polymorphism in opium addict people, European Conference of Human Genetics (ESHG 2010), Poster presentation, June 2010, Gothenburg, Sweden

-Evaluation of 31 selective abortions after counselling, European Conference of Human Genetics (ESHG 2010), Poster presentation, June 2010, Gothenburg, Sweden

-Heterochromatin polymorphic variants on chromosomes play role in recurrent pregnancy loss, 16th Iranian congress of infertility, Oral presentation, Feb 2010, Shiraz, Iran

-Effectiveness of aspirin in compare with heparin plus aspirin in recurrent pregnancy loss treatment, The 1st International Congress on Women's Health and Unsafe Abortion, Oral presentation, Jan 2010, Bangkok, Thailand

-Genetic effects on implantation failure, Reproductive Medicine Symposium, Oral presentation, 2010, Yazd, Iran

-Human biochemical genetics and insight into inborn errors of metabolism, The second international congress on inborn metabolic disorders in Iran, Oral presentation, Dec 2009, Tehran, Iran

-Diagnosis of inborn error of metabolism using tandem mass spectrometry, The second international congress on inborn metabolic disorders in Iran, Oral presentation, Dec 2009, Tehran, Iran

-Genetic of inborn errors of metabolism, International conference in diagnosis of inborn error of metabolism, Oral presentation, Dec 2009, Yazd, Iran

-Basic principle and genetic background of periodontitis, 5th Dental congress by Force Army**,** Oral presentation, Oct 2009, Tehran, Iran

-Evaluation of 31 selective abortions after counseling were conducted by Yazd Forensic Medicine Organization, First International congress of forensic medicine, Poster presentation, May 2009, Tehran, Iran

-Vascular endothelial growth factor gene polymorphism and ovarian hyperestimulation syndrome, 3rd Yazd international student award and congress in reproductive medicine. Oral presentation, April 2009, Yazd, Iran

-Association of P53 polymorphism with ICSI/IVF failure and recurrent pregnancy loss, 3rd Yazd international student award and congress in reproductive medicine. Oral presentation, April 2009, Yazd, Iran

-Frequency of p53 gene polymorphisms in endometrial cancer, World Cancer Congress 2009, Oral presentation, Jan 2009, Kerala, India

-Evaluation of the Frequency of PCOS in patients with breast cancer, First International Gynaecology Oncology Congress under the Auspices of IGCS, Oral presentation, Oct 2008, Mashhad, Iran

- TLR9 in ciliated cells of human fallopian tube, 9th Royan International Congress on Reproductive biomedicine, Oral Presentation, Aug 2008, Tehran, Iran

-Maternal serum Alpha-fetoprotein in prenatal diagnosis, 10th Iranian Genetics Congress, Oral presentation, May 2008, Tehran, Iran

-Iranian law for embryo donation and its ethical problem, 2nd Iranian congress of medical ethics, Oral presentation, May 2008, Qome, Iran

-Ethics of embryo donation, 14th congress of Iranian Society for Reproductive Medicine, Oral presentation, Feb 2008, Yazd, Iran

-Ethical aspect of sex selection by PGD, 14th congress of Iranian Society for Reproductive Medicine, Oral presentation, Feb 2008, Yazd, Iran

-Consanguineous marriage and recurrent abortion in Iran, The 2nd Asia Pacific Congress on Controversies in Obstetrics and Gynaecology and Infertility, Poster Presentation, Nov 2007, Shanghai, China

-ABO incompatibility causes of recurrent abortion, 14th Annual meeting of Middle East Fertility Society, Oral Presentation, Nov 2007, Antalya, Turkey

-Detection of Prolactin gene Polymorphism in Montebeliard cows in relation to milk production, 18th Iranian physiology and pharmacology Congress, Poster presentation, Aug 2007, Mashhad, Iran

-Recurrent spontaneous abortion and consanguinity, 39th European Human Genetics Conference (ESHG 2007), poster presentation, June 2007, Nice, France.

-Inheritance pattern in coronary heart disease, 39th European Human Genetics Conference (ESHG 2007), poster presentation, June 2007, Nice, France.

-Prevalence of genetic disease in paediatric ward, Annual congress of Iranian society of paediatrics & 28th memorial congress of prof. Gharib, Poster presentation, May 2007, Tehran, Iran

-Genetic counselling and consanguinity, High Risk Pregnancy Congress, Poster presentation, Feb 2007, Esfahan, Iran

-Education of Infertile Couple Regarding Donation, First sub-regional expert meeting on ethics in science and technology, Oral presentation, Oct 2006, Tehran, Iran

-Educational Preferences in Ethical Problem for Application of Genetic Tests, First sub-regional expert meeting on ethics in science and technology, poster presentation, Oct 2006, Tehran, Iran

-Relation between osteoarthritis of the sternoclavicular joint and amyloid deposition, APLAR 2006, Asian pacific league of association for rheumatology, Poster presentation, Aug 2006, Kuala Lumpur, Malaysia

-Actual burden of osteoarthritis on people and medical services, APLAR 2006, Asian pacific league of association for rheumatology, Poster presentation, Aug 2006, Kuala Lumpur, Malaysia

-The pressure of genetic disease on Iran: Strategies toward prevention. 9th Iranian genetic congress, Jun 2006, Tehran, Iran

-Evaluation of glycoprofile in Chondrodysplatic disease. 7th Iranian congress of anatomical Science, May 2006, Kashan, Iran

-Evaluation of the amyloid deposition in osteoarthritic joints. 7th Iranian congress of anatomical Science, May 2006, Kashan, Iran

-ABO blood group antigen of human uroepithelial cell responsible for Psudomonas Aerogenosa infection, ESHG 2006, European human genetics conference, Poster presentation, May 2006, Amsterdam, Netherlands

-Knowledge and attitude of student toward ethical aspects of genetic counselling and selective abortion, ESHG 2006, European human genetics conference, Poster presentation , May 2006, Amsterdam, Netherlands

-Progress of genetic science raise ethical problem. National congress of medical ethics, Poster presentation, May 2006, Mashhad, Iran

-Evaluation of prevalence of the depression in women with cancer after mastectomy and hysterectomy. First international congress of Iranian women caner, Poster presentation, May 2006, Tehran, Iran

-Premarital and preconception counseling. Health Reproductive Seminar, Oral presentation, Nov 2005, Yazd, Iran

-Antinociceptive effects of spartium Junceum L. extract on mouse formalin test. 4th world congress of cellular and molecular biology, poster presentation, Oct 2005, Poitiers, France

-Ethical aspect of genetic counselling and selective abortion, International congress of bioethics 2005, Oral presentation, Mar 2005, Tehran, Iran (Awarded as the best paper presented)

-Determination of the warfarin metabolism genetic diversity using high performance liquid chromatography, The 2nd International Conference of Pharmaceutical & Drug Industries, Oral presentation, Mar 2005, Cairo, Egypt

-Evaluation of the genetic effects on addiction and psychiatric disorders, Third national congress of addiction, Oral presentation, Jan 2005, Yazd, Iran

-Genetically modified food and human health, National Congress of Food Hygiene and Safety, Poster presentation, Dec 2004, Yazd, Iran

-Genetically modified animals: useful or harmful, National Seminar of Animal Husbandry Industry and Food Safety, Oral presentation, Dec 2004, Yazd, Iran

-Achondroplasia: morphologic and biochemical study of growth plate, 3rd Iranian Congress of Genetic Disorders and Disabilities, Oral presentation, Nov 2004, Tehran, Iran

-Inherited defects in structural components of the cartilage extracellular matrix of chondrodysplasias. ESHG 2004, European Human Genetics conference, Jun 2004, Munich, Germany

-Genetic causes of mental retardation, Genetic Counselling before and after Marriage Workshop, Oral presentation, Aug 2004, Yazd, Iran

-Introduction of London Medical dysmorphology, Early Prevention and Diagnosis of The Congenital Genetic Disorder Cogress, Oral presentation, May 2004, Hamadan, Iran

-Proteoglycan analysis of osteoarthritis: toward identification of OA susceptibility genes, HGM 2004**,** Poster presentation, Apr 2004, Berlin, Germany

-Genetic analysis of osteoarthritis. Third National Congress of Medical genetics, Oral presentation, Dec 2003. Yazd, Iran

-Osteo-arthrosis of the sternoclavicular joint. , 34th Annual and 9th International Convention of the Islamic Medical Society of North America, Oral presentation, July 2001, Tehran, Iran

-Immunohistological and lectin histochemical studies of sternoclavicular amyloidosis, Annual European Congress of Rheumatology "EULAR 2001", Poster presentation, June 2001, Prague, Czech Republic

-Growth plate: histology and genetic disorder, 7th Annual Meeting of Genetic disorders of the bone and cartilage, March 2001, Davous, Switzerland

-Comparison of the sternoclavicular joint and costochondral junction, 7th Iranian Student Seminar in Europe , Oral Presentation, May 2000, Manchester, Uk

-The sternoclavicular joint - structure, disorders and amyloidosis. 180th meeting of the Pathological Society of Great Britain and Ireland, Poster presentation, January 2000, London, UK

-Genetic cause of the skeletal disorders, 6th Iranian Student Seminar in Europe, Oral presentation, May 1999, Manchester, UK

Publications

-The sequence variation of mitochondrial tRNA tyrosine and cysteine among Iranian women with idiopathic recurrent miscarriage: A case-control study
International Journal of Reproductive BioMedicine, 2023; 21 (7), 567

-Identification of Diagnostic SNPs in Exon 28 of the Von Willebrand Factor Gene for Diagnosis of VWD Type 2B in Patients Referred to IBTO Coagulation Lab: In-silico Approach. International Journal of Medical Laboratory, 2023;

-Effect of heparin on recurrent IVF-ET failure patients. Asian Pacific Journal of Reproduction. 2023; 12 (2), 64-70

-Association of cytotoxic T-lymphocyte-associated protein 4 polymorphisms with recurrent pregnancy loss: A case-control study. International Journal of Reproductive Biomedicine, 2023; 21 (1), 33

-Synthesis of a stimuli-sensitive PEGylated nanoniosomal doxorubicin for the treatment of acute myeloid leukemia: An in vitro study. Nanomedicine Journal. 2023;

-GGPS1-associated muscular dystrophy with and without hearing loss. Annals of Clinical and Translational Neurology. 2022; doi: 10.1002/acn3.51633

-Co-segregation of variant NSUN2 Lue198Arg among Iranian family with intellectual disability: a case report. Egyptian Journal of Medical Human Genetics. 2022; 23(82) : 2-11

-Novel variants underlying autosomal recessive neurodevelopmental disorders with intellectual disability in Iranian consanguineous families. Journal of Clinical Laboratory Analysis. 2022; 36:e24241

-Association of M55L and Q192R polymorphisms of paraoxonase 1 gene *(PON1)* with recurrent pregnancy loss risk: A case–control study. International Journal of Reproductive BioMedicine. 2021; 19(6): 559-568.

-Association between eNOS gene promoter polymorphism (-786T>C) and idiopathic recurrent pregnancy loss in Iranian women. Asian Pacific Journal of Reproduction. 2021; 10(60): 269-273

-Association of the single nucleotide polymorphism C1858T of the *PTPN22* gene with unexplained recurrent pregnancy loss: A case-control study. International Journal of Reproductive BioMedicine. 2021; 19(10): 873–880.

-Homozygous females for a X-linked RPGR-ORF15 mutation in an Iranian family with retinitis pigmentosa. Experimental Eye Research. 2021;11, 108714

-CAG repeat polymorphism in androgen receptor and infertility: A case-control study. International Journal of Reproductive BioMedicine. 2021; 19(9): 845–851.

-Association of miR-146a and miR196a2 genotype with susceptibility to idiopathic recurrent pregnancy loss in Iranian women: A case-control study. International Journal of Reproductive BioMedicine, 2021; 19(8): 725–732.

-Association of M55L and Q192R polymorphisms of paraoxonase 1 gene *(PON1)* with recurrent pregnancy loss risk: A case–control study. International Journal of Reproductive BioMedicine, 2021; 19(6): 559–568.

-Apparent but unconfirmed digenism in an Iranian consanguineous family with syndromic Retinal Disease. Experimental Eye Research, 2021, 108533

-Fertility preservation in women with ovarian cancer: Finding new pathways: A case-control study. International Journal of Reproductive BioMedicine, 2021; 19: 157–166

-Key regulatory microRNAs and their interplay with mechanosensing and mechanotransduction signaling pathways in breast cancer progression. Mol Cancer Res. 2020;18 (8):1113-1128.

-Investigation of the association between eNOS gene promoter polymorphism (-786 T>C) and idiopathic recurrent pregnancy loss in Iranian women. doi.org/10.21203/rs.3.rs-86510/v1

-Expression levels of circulatory mir-185-5p, vascular endothelial growth factor, and platelet-derived growth factor target genes in endometriosis. International Journal of Reproductive BioMedicine, 2020; 18: 347–358.

-Upregulation of the RNF8 gene can predict the presence of sperm in azoospermic individuals. Clinical and Experimental Reproductive Medicine. 2020; 47 (1), 61

-Semen analysis of subfertility caused by testicular carcinoma. International Journal of Reproductive BioMedicine. 2020; 18 (7), 539

-Effect of L-carnitine on the expression of the apoptotic genes Bcl-2 and Bax. Clinical and Experimental Reproductive Medicine. 2020; 47 (3), 15

-Polymorphism of Vascular Endothelial Growth Factor Gene− 1154 G/A in Women with Recurrent Miscarriage and IVF Failure; A case–control study
Journal of kerman university of medical sciences. 2020; 27 (2), 150-158

- Frequency of the rs 14035 polymorphism of RAN gen in recurrent pregnancy loss: A case-control study. International Journal of Reproductive BioMedicine. 2020; (IJRM), 359–366-359–366

Study of Patterns of Inheritance in Affected Patients with Retinitis Pigmentosa in Iranian Populations. International Journal of Medical Laboratory. 2020; 7(1),9-14

-Posterior column ataxia with retinitis pigmentosa (PCARP) in an Iranian patient associated with the FLVCR1 gene. Ophthalmic Genetics. 2020; 41 (1), 90-92

-Testicular expression of TDRD1, TDRD5, TDRD9 and TDRD12 in azoospermia
BMC Medical Genetics. 2020; 21 (1), 1-7

- Relative expression of OX40, OX40L mRNA, and OX40L serum levels in women with recurrent spontaneous abortion. Immunological investigations. 2019; 48 (5), 480-489

-Utilization of Whole Exome Sequencing in Lethal Form of Multiple Pterygium Syndrome: Identification of Mutations in Embryonal Subunit of Acetylcholine Receptor. International Journal of Molecular and Cellular Medicine. 2019; 8 (4), 258

-A novel mutation in CYP17A1 gene leads to congenital adrenal hyperplasia: A case report. International Journal of Reproductive BioMedicine. 2019; 17 (6), 449

-Expression patterns of cofilin and scinderin in breast cancer and their association with clinicopathological features in Iranian patients. Clinical Cancer Investigation Journal. 2019; 8 (6), 215

-Association between early embryo morphokinetics plus cumulus cell gene expression and assisted reproduction outcomes in polycystic ovary syndrome women. Reproductive biomedicine online. 2019; 38 (2), 139-151.

-Preparation and Study of Nano-Niosomes Containing Doxorubicin and Evaluation of its Toxicity on Acute Myeloblastic Leukemia Cell Line KG-1.
Journal of Payavard Salamat. 2018; 12 (4), 309-323

-Detection of 4977-bp deletion of mitochondrial DNA in in vitro fertilization failure women: A case-control study. International Journal of Reproductive BioMedicine. 2018; 16 (9), 571

-Variable localization of Toll-like receptors in human fallopian tube epithelial cells. Clin Exp Reprod Med. 2018; 45(1):1-9.

-Frequency of CYP1A1 Gene Polymorphisms in Infertile Men with Non-obstructive Azoospermia. International Journal of Medical Laboratory, 2018 [epud of print]

- The effect of vitamin E and selenium on sperm chromatin quality in couples with recurrent abortion. International Journal of Medical Laboratory. 2018; 5 (1), 1-10

- Frequency of TNFR1 36 A/G gene polymorphism in azoospermic infertile men: A case-control study. Int J Reprod Biomed (Yazd). 2017; 15(8):521-526.

- Association of -460C/T and +405 G/C polymorphisms of vascular endothelial growth factor gene and susceptibility to ovarian hyperstimulation syndrome. Int J Reprod Biomed (Yazd). 2017; 15(2):87-92.

- Circulating miR-126 and miR-499 reflect progression of cardiovascular disease; correlations with uric acid and ejection fraction. Heart International.2016: 11(1)

- Association between HLA-E gene polymorphism and unexplained recurrent spontaneous abortion (RSA) in Iranian women. Int J Reprod Biomed (Yazd). 2016; 14(7):477-82.

The balance of the immune system between HLA-G and NK cells in unexplained recurrent spontaneous abortion and polymorphisms analysis. Immunol Res. 2016 Jun;64(3):785-90.

- The balance of the immune system between HLA-G and NK cells in unexplained recurrent spontaneous abortion and polymorphisms analysis. Immunol Res.2016, Jun;64(3):785-90

-An Association Study of the SLC19A1 Gene Polymorphisms/Haplotypes with Idiopathic Recurrent Pregnancy Loss in an Iranian Population. Genet Test Mol Biomarkers. 2016 May;20(5):235-40. Epub 2016 Mar 9.

-KDR gene polymorphisms and idiopathic recurrent spontaneous abortion.
J Matern Fetal Neonatal Med. 2016; 29(22):3737-40.

-Association between lower frequency of R381Q variant (rs11209026) in IL-23 receptor gene and increased risk of recurrent spontaneous abortion (RSA). J Immunotoxicol. 2015,12,317-21

-The accuracy of Breastlight in detection of breast lesions. Indian J Cancer. 2015; 52(4):513-6

-The imbalance in expression of angiogenic and anti-angiogenic factors as candidate predictive biomarker in preeclampsia. Iran J Reprod Med.2015; 13(5):251-62.

-Surface modification of tri-calcium phosphate nanoparticles by DOPE and/or anti-E6 antibody to enhance uptake of antisense of E6 mRNA. Colloids Surf B Biointerfaces, 2015; 126:297-3021

-The association between single nucleotide polymorphism in interleukin-27 gene and recurrent pregnancy loss in Iranian women. Iran J Reprod Med. 2015; 13(4):209-14.

-Expression of Toll-like receptors 7-10 in human fallopian tubes. Iran J Reprod Med. 2014:12(6):389-94.

-The T657C polymorphism on the SYCP3 gene is associated with recurrent pregnancy loss. J Assist Reprod Genet. 2014 ;31(10):1377-81

-The association of arylendosulfatase 1 (SULF1) gene polymorphism with recurrent miscarriage. J Assist Reprod Genet. 2014; 31(2):157-61.

-Causes of Mortality during the First Five Years of Life, Yazd City, Iran (2005-2008). Iran J Med Sci. 2014 ;39(4):399-400.

- Effectiveness of aspirin in compare with heparin plus aspirin in recurrent pregnancy loss treatment : A Quasi experimental study IJRM. 2014; 12(1): 73-76

- HE4 combined with CA125: favorable screening tool for ovarian cancer. Med Oncol. 2014 ;31(1):808.

- A large cohort of myotonia congenital probands: novel mutations and a high-frequency mutation region in exons 4 and 5 of the CLCN1 gene. J Hum Gene. 2013; 58, 581-587

- StuI polymorphism on the androgen receptor gene is associated with recurrent spontaneous abortion. J Assist Reprod Genet. 2013; 30(3):437-40

-Analysis of MLH3 C2531T polymorphism in Iranian women with unexplained infertility. IJRM, 2013; 11 (1): 19-24

-Case control study of the factor V Leiden and factor II G20201A mutation frequency in women with recurrent pregnancy loss. IJRM, 2013; 11 (1): 61-64

- Mental health status of infertile couples based on treatment outcome. IJRM. 2013; 11(6):503-10

-The effect of parental ABO blood group on fetal surveillance. IJPHO. 2013; 3(4):154-8

- Evaluation of Endocrine Dysfunctions in Relation to Iron Overload in patients with thalassaemia major. JPHO, 2012; 2(2): 60-66

- Vertical strabismus cases and their surgical outcome in Yazd, Islamic Republic of Iran. East Mediterr Health J. 2012; 18(2):137-42.

- Treatment of recurrent pregnancy loss by Levothyroxine (LT4) in women with high Anti-TPO antibody, IJRM, 2012; 4 (10): 373-376

- Cytochemical evaluation of sperm chromatin and DNA integrity in couples with unexplained recurrent spontaneous abortion, Andrologia, 2011, 44 suppl 1:462-70

- Evaluation of the general health of the infertile couples, IJRM, 2011, 9 (4): 309-314

-ABO Bloods group incompatibility in recurrent abortion, IJPHO, 2011; 1(2): 62-66

-Frequency of ABO and RH blood group in middle school student of Yazd province, JPHO, 2011; 1(1): 27-30

-Frequency of serotonin transporter promoter gene polymorphism in opium addict people, European Journal of Human Genetics, 2010; 18 (Suppl1): 294

-Evaluation of 31 selective abortions after counselling, European Journal of Human Genetics, 2010; 18 (Suppl1): 157

-Evaluation of the Frequency of PCOS in patients with breast cancer, IJRM, 2010; 8 (2): 86-89

-Evaluation of the frequency of TP53 gene codon 72 polymorphisms in Iranian patients with endometrial cancer, Cancer Genet Cytogenet, 2010;196 (2):167-70

-The association between second-trimester maternal serum Alpha-Fetoprotein in 14-22 weeks and adverse pregnancy outcome, Acta Medica Iranica, 2010; 48 (4)

-Frequency of genetic disorders in paediatric ward in Iran, Modern Genetic Journal, Autumn 2011, Epud of print

-Associations between prolactin gene polymorphism and milk production in Montebeliard cows, International Journal of Genetics and Molecular Biology, 2009; 1(3): 48-51

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-Assessment of knowledge and attitude of medical student toward genetic counselling and therapeutic abortion, Journal of Medical Sciences, 2007, 7(5): 810-815

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Award and activity

-Editorial board and reviewer of the following journal:
International journal of reproductive biomedicine

-Best Young Researchers award, Yazd Shahid Sadoughi Medical Sciences University. 2005

-First **establish of Immunohistochemistry laboratory in Yazd,** Reasearch and Clinical Centre for Infertility, Yazd, Iran

- First winner award as the best paper presented **in International congress of bioethics 2005**, Mar 2005, Tehran, Iran

Student thesis supervisor

-Investigation of genes mutation in men with non-obstructive azoospermia referred to Yazd Reproductive Sciences Institute using whole exome sequencing, PhD student, Yazd Shahid Sadoughi Medical Sciences University
- Investigation of genes mutation in men with oligoasthenotratozoespermia referred to Yazd Reproductive Sciences Institute using whole exome sequencing, PhD student, Yazd Shahid Sadoughi Medical Sciences University
-Identifying the genetic causes of unexplained recurrent pregnancy loss in second trimester on conception products of consanguineous family using whole exome sequencing, PhD student, Yazd Shahid Sadoughi Medical Sciences University
-Expression of miR-548-5p and miR-214-5p in ectopic and utopic endometrial tissue, MSC student, Yazd Shahid Sadoughi Medical Sciences University
- Evaluation of genetic changes in patients with intellectual disability in families with consanguineous marriage in Yazd province by next generation sequencing, PhD student, Yazd Shahid Sadoughi Medical Sciences University
- Evaluation of the relationship between the relative expression of Mir-140-3p and the relative expression of PD-L1 gene in tissue samples of patients with endometriosis and comparison with healthy individuals, MSC student, Yazd Shahid Sadoughi Medical Sciences University
- Evaluation of the relationship between the relative expression of Mir-590-3p and the relative expression of FOXA2 gene in tissue samples of patients with endometriosis and comparison with healthy individuals, MSC student, Yazd Shahid Sadoughi Medical Sciences University
- Evaluation of expression level of LIPE gene and HSL protein in non obstructive azoospermic patients in compare with obstructive azoospermic
- Evaluation of a genetic condition in patients with retinitis Pigmentosa, PhD student, Yazd Shahid Sadoughi Medical Sciences University
-Investigation of the relationship between eNOS gene polymorphism (-786 T>C) and idiopathic recurrent miscarriage in an Iranian population, Ashkezar Azad University

-Investigation of the relationship between eNOS gene polymorphism (GLU298ASP) and recurrent miscarriage in an Iranian population, Ashkezar Azad University
- Investigation of miRNA-146a C>G polymorphism with risk of idiopathic recurrent spontaneous abortion in Iranian women, , Ashkezar Azad University
- Estimation of sensitivity and specificity of quadruple marker test in Madar's hospital of Yazd, Yazd Shahid Sadoughi Medical Sciences University
-Association of TNFR1 36 A/G polymorphism with azoospermia in Iranian infertile males, , Ashkezar Azad University
- Association study of microRNA polymorphism miR- 499A>G with risk of recurrent pregnancy loss in Iranian women, , Science and Art University
- Studying the relationship between the frequency of gene polymorphism OCT1 in response to metformin in patients with polycystic ovaries (PCO), Yazd Shahid Sadoughi Medical Sciences University
- Evaluating the expression alteration miRNAs(34-143-212) in apoptose pathway in the patients ovarian cancer. International campus. Yazd Shahid Sadoughi Medical Sciences University
- Glu298asp polymorphism of Emos gene in recurrent pregnancy loss. International campus. Yazd Shahid Sadoughi Medical Sciences University
- Frequency of SYCP3 gene mutations in women with recurrent pregnancy loss and compare with normal women. International campus. Yazd Shahid Sadoughi Medical Sciences University
- An association study of the SLC19A1 gene polymorphisms/haplotypes with idiopathic recurrent pregnancy loss in an Iranian population. International campus. Yazd Shahid Sadoughi Medical Sciences University
- Investigation of KDR gene polymorphisms(604,1719 and 1192) in women with unexplained recurrent pregnancy loss compared to normal women. International campus. Yazd Shahid Sadoughi Medical Sciences University
- Glu 472 His polymorphism of KDR gene in recurrent pregnancy loss. International campus. Yazd Shahid Sadoughi Medical Sciences University
- The effect of sex hormone on p53 protein in T47D and variation of p53 codon 72 polymorphism and resulted protein in breast cancer patients., Yazd Shahid Sadoughi Medical Sciences University.
- Frequency of P53 codon 72 polymorphism in people with and without breast cancer., Ghazvain Azad University
- StuI polymorphism on the androgen receptor gene is associated with recurrent spontaneous abortion, Yazd Shahid Sadoughi Medical Sciences University
- Aetiology of children death under 5 years old from 2007 to 2010 in Yazd province, , Yazd Shahid Sadoughi Medical Sciences University
- A study of Therombophilia frequency in unfertilized women suffering from implantation process failure., Yazd Shahid Sadoughi Medical Sciences University
- Frequency of thrombophilia in IVF-ET failure, Yazd Shahid Sadoughi Medical Sciences University
- Comparision of statistical methods in testing of Hardy Weinberg equilibrium in case-control genetic association studies., Kerman University of Medical Sciences
- Effect of metformin in susses pregnancy in PCOS women with recurrent pregnancy loss and IVF failure, Yazd Shahid Sadoughi Medical Sciences University
-Frequency of genetic disorders symptoms in patients referred to genetic counselling clinic of Yazd Reproductive Sciences Institute, , Yazd Shahid Sadoughi Medical Sciences University

- Frequency of inv (9) in recurrent abortion, Yazd Shahid Sadoughi Medical Sciences University
-Evaluation of genetic polymorphism of DYS390, DYS393 and LPL in Esfahan population, Yazd Shahid Sadoughi Medical Sciences University
-Frequency of mendelian inheritance of retinitis pigmentosa in Iran, Yazd Shahid Sadoughi Medical Sciences University
-Evaluation of chromosomal polymorphism in recurrent abortion, Yazd Shahid Sadoughi Medical Sciences University
-Effectiveness of aspirin in compare with heparin plus aspirin in recurrent pregnancy loss treatment, , Yazd Shahid Sadoughi Medical Sciences University
-Consanguinity in infertile couples and their parents, , Yazd Shahid Sadoughi Medical Sciences University
-Frequency of P53 polymorphism in endometrial carcinoma patients, Yazd Shahid Sadoughi Medical Sciences University
-Frequency of PCOS in breast cancer patients, Yazd Shahid Sadoughi Medical Sciences University
-Determination of the frequency of different ABO blood groups in Yazd, Yazd Shahid Sadoughi Medical Sciences University
-Determination of the frequency of Rh^{+}/Rh^{-} in Yazd, Yazd Shahid Sadoughi Medical Sciences University
- Determination of the association between urinary tract infection and ABO blood groups.. Yazd Shahid Sadoughi Medical Sciences University
-Determination of knowledge and attitude of medical students toward genetic counselling and selective abortion. Yazd Shahid Sadoughi Medical Sciences University

Student thesis advisor

- 3-years follow-up spirometric parametrers in workers of a Glass industry and avaluating of DNA damages among exposed to Silica, application of Comet assay., International campus. Yazd Shahid Sadoughi Medical Sciences University

- The association of miR-126 and miR-499 and Uric acid in patient with coronary artery bypass graft surgery and correlation them with ejection fraction. International campus. Yazd Shahid Sadoughi Medical Sciences University

- The frequency of GSTM1 and null GSTT1 genotype in breast cancer patients and control group. International campus. Yazd Shahid Sadoughi Medical Sciences University.

-Frequency of functional SNPs in HLA-G in idiopathic recurrent pregnanacy loss in comparison with control group., Yazd Shahid Sadoughi Medical Sciences University

-Frequency of E0101,E0103 functional SNPs in HLA-E in idiopathic recurrent pregnancy loss in comparison with control group. Yazd Shahid Sadoughi Medical Sciences University

-Capabilities and limitations of medical tourism in Infertility. In progress

-Association between functional R381Q variant (rs11209026) in IL-23 receptor gene and decreased risk of recurrent spontaneous abortion (RSA)., Yazd Shahid Sadoughi Medical Sciences University

-Effectiveness of breast light in diagnosis of breast mass, Yazd Shahid Sadoughi Medical Sciences University

- Frequency of consanguinity in parents of hospitalized patients with psychological disorders, Yazd Shahid Sadoughi Medical Sciences University

- Evaluation of knowledge, attitude and behaviour of women attend to Yazd medical clinic about breast cancer screening test, Yazd Shahid Sadoughi Medical Sciences University

- Evaluation of the frequency of μ receptor gene polymorphism in Iranian addicts people. Yazd Shahid Sadoughi Medical Sciences University, Tehran Payam-Noor University

-Evaluation of factor V Leiden and prothrombin polymorphism in retinal artery thrombosis. Yazd Shahid Sadoughi Medical Sciences University, Yazd Shahid Sadoughi Medical Sciences University

-Evaluation of genetic counselling indication in pregnant women. Yazd Shahid Sadoughi Medical Sciences University, Yazd Shahid Sadoughi Medical Sciences University

-Characterization of prolactin alpha-S1and alpha S2 casein genes polymorphisms on monta beliard cattle breed. Mazandaran University .

Membership

-Constant member of **Iranian Genetic Society**

-Constant member of **Iranian Biotechnology Society**

-Constant member of **Iranian Association for Ethics in Science and Technology**

- Constant member of **Iranian Society for Reproductive Medicine**

Refrences

-Professor A Aflatonian, Professor of Obstetrics and Gynaecology, Head of Yazd infertility Research and Treatment Centre, Yazd, Iran

-Dr SM Kalantar, Professor of Molecular Biology, Shahid Sadoughi Medical Sciences University, Yazd, IRAN

-Dr AR Fazeli, Lecturere, Academic Unit of Reproductive and Developmental Medicine, the University of Sheffield, UK